ABSTRACT OF THE DISCLOSURE

A method, program and system for processing data is disclosed. The method, program and system comprising the steps of: (a) receiving (e.g., during an enrollment process) a first biometric data and a first personal key, (b) processing the first biometric data and the first personal key through an irreversible cryptographic algorithm, sometimes after: (i) generating one or more variants from the first biometric data, (ii) processing the first personal key through a reversible cryptographic algorithm, and (iii) adding salt to the first biometric data or first personal key, (c) receiving (e.g., during an authentication process) a second biometric data and a second personal key, (d) processing the second biometric data and the second personal key through the irreversible cryptographic algorithm, (e) comparing the second processed data to the first processed data, and (f) generating a signal pertaining to the comparison of the second processed data to the first processed data, such as: (i) a confirmation reflecting authentication when the second processed data matches the first processed data (sometimes allowing access to a facility or system) or (ii) a denial reflecting no confirmation when the second processed data does not match the first processed data.